

Date: Fri, 29 Jan 93 20:59:18 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #135
To: Info-Hams

Info-Hams Digest Fri, 29 Jan 93 Volume 93 : Issue 135

Today's Topics:

 Advice on coax cable sources and prices?
 AH1A 40 meter op times?DIR
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 Real NoCodes
 simple transmitter
 Statistical Noise (was Ham Radio Causes Cancer)
 Unreal NoCodes
 Wall charts and Re: TH78A / Larson / Intermod / mods

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 30 Jan 1993 01:36:03 GMT
From: ucsd.edu!brian@network.UCSD.EDU
Subject: Advice on coax cable sources and prices?
To: info-hams@ucsd.edu

Carol Cable Corp manufactures a "C1180" which appears to virtually
identical to Belden's 9913. I have some on order to see how it works

out. We found it to be significantly cheaper than the Belden from our local distributor.

- Brian

Date: Fri, 29 Jan 1993 17:59:41 GMT
From: ucsnews.sdsu.edu!sol.ctr.columbia.edu!zaphod.mps.ohio-state.edu!caen!
destroyer!cs.ubc.ca!utcsri!newsflash.concordia.ca!nstn.ns.ca!news.ucs.mun.ca!
kean.ucs.mun.ca!jcraig@network.UCSD.EDU
Subject: AH1A 40 meter op times?DIR
To: info-hams@ucsd.edu

In article <milewski-290193081810@fp2-st-affairs-17.uoregon.edu>,
milewski@oregon.uoregon.edu (Steve Milewski) writes:
> I've been trying to find AH1A on 40 meters but so far no luck hearing them.
> It's not propagation problems 'cause they boom into Oregon on all the other
> bands.
>
> I'm aware of the operating frequencies, but does anyone know what times
> stateside is being worked?
>
> Thanks,
> Steve/AA7FL
> milewski@oregon.uoregon.edu

They were working stateside this AM at 1000-1030. How about times
for the other bands

73 Joe V01NA

Date: 28 Jan 93 17:45:49 GMT
From: valinor.mythical.com!n5ial!jim@uunet.uu.net
Subject: ANTENNA HANDBOOK
To: info-hams@ucsd.edu

In article <1993Jan26.155031.20028@cbnewsm.cb.att.com>
jeffj@cbnewsm.cb.att.com writes:

> I have found the ARRL Antenna Handbook to be a OK general reference book
> on antennas. I bought it and was a little disappointed at the construction
> articles in it. It seems to be a little vague in a lot of spots in explaining
> how things work. It's handy to have but if you are interested in really
> digging into how antennas work or building your own there are a lot better
> books out there. 73!

I had about the same reaction to the new version of {The ARRL Antenna Book}.... I've been using an older edition (1982), and bought the 1991 edition a year or two ago. it's about twice as thick, and I basically assumed it would cover all that the old one did, and about that much more --- WRONG!!! I'd expected that I could give the old one away to a new Ham and just keep the new one --- WRONG!!!

as it turns out, my older copy of the Antenna Book is *STILL* my first reference, and the new one is, well, taking up space on my bookshelf for the most part.

problems with the new version include things like introducing a type of antenna (in this case, reduced-size antennas), saying it's better than another one, and then not going into any details beyond that anywhere in the book (at least, not that I could find, and I did some serious digging). I would have liked to know how and why the thing works, how to build it, how much the size is reduced over a full dipole (again, this was for a reduced-size antenna), and so on. I guess someone forgot to do the rest (?).

all I can say is, if you're going to buy the Antenna Book, look for an old edition first --- it's thinner, but it's got more usable material in it.

later,
--jim

--
#include <std_disclaimer.h> 73 DE N5IAL (/4)

INTERNET: jim@n5ial.mythical.com | grahj@valinor.mythical.com
j.graham@ieee.org (OLD): jim@n5ial.chi.il.us
AMATEUR RADIO: n5ial@w4zbb AMTOR SELCAL: NIAL ICBM: 30.23N 86.32W

Date: 28 Jan 93 19:38:12 CST
From: agate!spool.mu.edu!howland.reston.ans.net!zaphod.mps.ohio-state.edu!caen!
umeecs!umn.edu!mmm.serc.3m.com!mmc.mmmg.com!timbuk.cray.com!walter.cray.com!
craywr!wws@ames.arpa
Subject: Collins Radio info
To: info-hams@ucsd.edu

In article <76r3ara@rpi.edu>, root@june.cmp.rpi.edu (J.R. Ordon) writes:
> I've got a question for any of the Collins Radio
> experts out there...

|>
|> What are the differences between the KWM-2 and KWM-2A tranceivers??

The only difference I know of is that the -A version contains a second crystal deck and associated front panel switch. This allows you to broaden the coverage - e.g., for WARC bands or 10 meters.

Walt

Walt Spector
(wws@renaissance.cray.com)
Sunnyvale, California

-.- -.- -... - . -.

Date: 29 Jan 1993 20:57:27 GMT
From: ucsnews.sdsu.edu!sol.ctr.columbia.edu!hamblin.math.byu.edu!
hamblin.math.byu.edu!usenet@network.UCSD.EDU
Subject: frequencies
To: info-hams@ucsd.edu

could anyone send me an e-mail that list all tv, ctv frequencies.
I had it but my computer crashed a few months ago, and I lost it.
I believe I have got it from here.

73,
tatsuya

Date: 29 Jan 93 05:28:37 GMT
From: ogicse!clark!spool.mu.edu!darwin.sura.net!mojo.eng.umd.edu!
tedwards@network.UCSD.EDU
Subject: HT power supplies - call for preferences
To: info-hams@ucsd.edu

In article <1993Jan27.104230.1@slcslrv.slac.stanford.edu>
gregs@slcslrv.slac.stanford.edu writes:
>There also is the 12V NiCad rechargeable pack offered by Alinco, which is
>bulkier and costs \$65, but would power my HT up to 5W and provide me with a
>longer supply of power than my 7.2V pack. Furthermore, I have heard good
>things from some hams about the Quantum 12V ham power supply - the same
>company that makes them for camera equipment. The Quantum pack may be a lot
>of dead weight, and at \$145 isn't the cheapest available, but I hear it is
>by far the strongest and most reliable battery supply available

There is much to be said for buying a 3 to 6 AH sealed lead acid battery at a hamfest. While the pricey HT battery packs like Quantum look neat and will hold up well, for \$20 you can get more AH if you're willing to give up some aesthetic appearance and carry some weight around.

-Thomas N3HAU

Date: Fri, 29 Jan 1993 19:56:49 GMT
From: ucsnews.sdsu.edu!sol.ctr.columbia.edu!zaphod.mps.ohio-state.edu!sdd.hp.com!
elroy.jpl.nasa.gov!mycroft.jpl.nasa.gov!ring@network.UCSD.EDU
Subject: Just got my upgrade: 11 weeks
To: info-hams@ucsd.edu

I just got my upgrade (1/28/93).

I took my test 11/11/92.

11 weeks, 1 day.

Warren Ring KD6FZN -> KN6AR -> AB6QE

Date: 29 Jan 93 11:55:49 -0700
From: gumby!destroyer!cs.ubc.ca!mala.bc.ca!wagner@yale.arpa
Subject: List of university radio clubs
To: info-hams@ucsd.edu

In article <weaverb.728298511@rintintin.Colorado.EDU>,
weaverb@rintintin.Colorado.EDU (Brian Weaver) writes:
> Sometime last summer, a pretty good list got compiled in rec.radio.amateur
> .misc containing info on most of the university amateur radio clubs.
> I wanted to know if anyone has this list and if they could send it
> to me. Here at the Univ of Colorado we have a fast growing amatuer
> radio club, and we'd like a list of the other clubs out there that
> are active. Thanks for your help..
>
> -- Brian
> --
> Brian Weaver University of Colorado at Boulder
> weaverb@boulder.Colorado.EDU (internet)
> KD6CFA@NOARY.#NOCAL.CA.USA.NA (packet radio)

Not exactly a list but here in Nanaimo, BC Canada we are VE7MCU, Malaspina

college amateur radio society. Mail to mcars@mala.bc.ca

Yours truly is da pres'

--

73, Tom

=====

Tom Wagner, Audio Visual Technician. Malaspina College Nanaimo British Columbia
(604) 753-3245, Local 2226 Fax (604) 755-8742 Callsign VE7GDA

I do not recyle..... I keep everything! (All standard disclaimers apply)

=====

Date: 29 Jan 93 03:20:56 GMT
From: csus.edu!nic.csu.net!eis.CalState.EDU!sadams@decwrl.dec.com
Subject: Morse Code on the MAC
To: info-hams@ucsd.edu

I am looking for a Morse Code tutor on the Macintosh.
I saw a reference to one at ftp.apple.com, but in which directory??

Thanks for the help.

Steve KD6KGJ
sadams@eis.calstate.edu

Date: 29 Jan 1993 02:41:28 GMT
From: saimiri.primate.wisc.edu!zaphod.mps.ohio-state.edu!howland.reston.ans.net!
usc!cs.utexas.edu!tamsun.tamu.edu!willis@ames.arpa
Subject: No-codes
To: info-hams@ucsd.edu

In article <14570603@hpnmrla.sr.hp.com>, alanb@hpnmrla.sr.hp.com (Alan Bloom)
writes:

** So how would you translate this sentence into Politically Correct language?

**

** "No-code Technicians may not transmit on the 10 meter band."

"Technicians who have not passed a Morse code test may not ..."

See? Pretty easy to say, to the point and doesn't need any new license class titles.

**

** The only way I can think of is:

Possibly your brain capability is restricted by still retaining the morse code capability; hope not, several of my friends know morse code yet still manage to be civil.

**
** "Non-Technician-Plus Technicians may not transmit on the
** 10 meter band."

** "Non-Technician-Pluss's may not..."
**
** Either way, it's prety awkward. Or maybe instead of "no-code" you could
** say "Morse-impaired" -- sort of like "visually impaired" instead of "blind."

maybe instead of N1AL, you could say "tact impaired".

Date: 29 Jan 1993 02:44:44 GMT
From: saimiri.primate.wisc.edu!usenet.coe.montana.edu!news.u.washington.edu!
carson.u.washington.edu!cummings@ames.arpa
Subject: Real hams?
To: info-hams@ucsd.edu

In <1993Jan26.224411.21577@Cadence.COM> jdm@Cadence.COM (Joe Mastroianni) writes:

> Real hams tap sentimental messages on their lover's teeth with their
> tongues.

> Real hams know how to load pine trees for 160M without using a
> capacitive hat.

[deleted...]

> Real hams plot DX-pileup strategy during sex.

Unlike the snotty "no-code" list posted earlier, THIS one is very funny!

Thanks!

Michael Cummings NX7E

Date: Fri, 29 Jan 1993 04:43:43 GMT
From: haven.umd.edu!wam.umd.edu!adam@ames.arpa
Subject: Real NoCodes

To: info-hams@ucsd.edu

In article <chrisc.165.728064845@ramrod.lmt.mn.org> chrisc@ramrod.lmt.mn.org (Chris Cox) writes:

>...and let's face, you NEVER heard this stuff before the FCC no-code license
>was established, did you.

>

>All of the above is and has been common practice at least for the past six
>years (the length of time I have been in the US).

Hmm, Chris, the no-code licenses have only been around for less than two years (Feb. 14, 1991 if I remember correctly....). Must have been all of those guys with the code making all the noise for the other four years.

--de N3NKI

Date: Fri, 29 Jan 1993 03:22:04 GMT
From: agate!boulder!ucsu!spot.Colorado.EDU!caffrey@ames.arpa
Subject: simple transmitter
To: info-hams@ucsd.edu

I am looking for a tutorial on building a QRP transmitter. I would like to build one for the 15 meter band, and would like its construction to be as simple as possible. (The "cubic incher" in the ARRL handbook would be one such example of the complexity and capability that I am looking for.) The goal of the project is more to learn how a transmitter works and have the pride of getting something on the air that I built myself, than to work DX. Therefore, the more thorough the theoretical explanations, the better.

Any favorite articles on simple 15 meter transceivers would also be appreciated.

I hope I have given you all a good enough idea of what I am looking for. Thanks for your patience.

Mark Caffrey, KF0JA.

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Date: Thu, 28 Jan 1993 20:07:42 GMT
From: elroy.jpl.nasa.gov!usc!sdd.hp.com!hpscit.sc.hp.com!hplextra!hpl-opus!
hpnmldla!alanb@ames.arpa
Subject: Statistical Noise (was Ham Radio Causes Cancer)
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, fleekdc@expert.cc.purdue.edu (Dan Fleek) writes:

>I can understand a higher rate of cancer among hams. When I took my
>license exam, the examiners and other club hams at the test were
>chain smoking. After about 20 minutes I went outside to get some air
>so my eyes would quit watering. Members of our local club don't smoke
>fortunately.

Actually, the infamous Milham population study of hams found a standardized mortality ratio of 66 for lung cancer. Those hams got 34% less lung cancer than the general population. Milham concluded that the hams in the survey smoke less than average.

By the way, hams had BELOW average death rates for 12 of the 21 death classifications (mostly types of cancer) studied. The difference was statistically significant (probability that it was a statistical fluke <.05) in 7 of these. Only 1 category showed a statistically-significant above average death rate. Leukemia deaths were above average, but by a smaller amount (not statistically significant.) However when Leukemia was broken down into 12 sub-categories, one of them had an SMR that met the p<.05 test.

Note that this conclusion was based on only 15 deaths in the category, (out of the 2485 recorded deaths) and just barely met the p<.05 significance test.

My point is, if you examine more than 20 categories of disease, you are likely to find at least one category that meets the p<.05 (1/20) test just due to random statistical variation.

AL N1AL

Date: 29 Jan 93 03:04:22 GMT
From: anomaly.sbs.com!kd1hz@uunet.uu.net
Subject: Unreal NoCodes
To: info-hams@ucsd.edu

wpns@miki.pictel.com (Willie Smith) writes:

>Don't be too hard on Mikey folks, he used to be a lowly tech (N1LMB)
>himself (just upgraded in April),

Yup. But I did something about it. God knows I wanted to get rid of that N1 call.

>and besides no-one wished him a
>Happy Birthday some 3 weeks ago. He's closing in on 30, and he's
>getting his Old Fart routine in shape. 8*)

Yup.

MD

--
-- Michael P. Deignan, KD1HZ -----
-- Domain: mpd@anomaly.sbs.com - I'm not a bigot, -
-- UUCP: ...!uunet!anomaly!mpd - I hate everyone... -
-- Telebit: +1 401 455 0347 -----

Date: 29 Jan 1993 14:15:52 -0600
From: ucsnews.sdsu.edu!sol.ctr.columbia.edu!emory!gatech!swrinde!cs.utexas.edu!
not-for-mail@network.UCSD.EDU
Subject: Wall charts and Re: TH78A / Larson / Intermod / mods
To: info-hams@ucsd.edu

Another query to the net at large. Replies to the net (which I'll hopefully have access to this weekend) and/or Brendan_Hoar@notes.pw.com until my home site gets back on the net. It is your decision.

Where can I get one of those humongous multi-colored beautiful wall charts depicting the radio(+) spectrum? EEB in VA has one put out by the US Dept. of Commerce from 5 years ago or so, but according to the employees, USDOC stopped printing them. Has any other organization put one together? I've got some wall space to fill up and I'd love one.

Well, it seems that the router between tfsp.saic.com and the Internet proper is no longer passing (TCP/)IP packets, so not only is my telnet access to rec.radio.amateur.misc gone, but all mail sent there is bouncing or will bounce soon. I have received one query about the Larson antenna so far and nothing else since the connection went down about 3 hours after I submitted my post. One person mailed me at notes.pw.com- I guess he got lucky. I'll send him a reply when tfsp.saic.com's router comes back up. Anyone who sent replies to tfsp.saic.com can resend them (please!) to Brendan_Hoar@notes.pw.com if they are relatively small (About the size of my original message or smaller) and you still have them around. Thanks.

Date: Fri, 29 Jan 93 19:41:53 GMT
From: pacbell.com!att-out!walter!porthos!prefect!mgsail@ames.arpa

To: info-hams@ucsd.edu

References <sh13cza@rpi.edu>, <C1F8Fp.4wM@inews.Intel.COM>, <44051@zygot.ati.com>
Subject : Re: Ham Radio Causes Cancer

About twenty years ago I was working with some folks in the Mid-west
on the effects of
short pulses of high intensity, high frequency electromagnetic radiation.
Someone decided to test its biological effects because of our close proximity to
the fields. Some laboratory mice were borrowed from a local university and
placed within the confines of the field generator. For 30days the mice
were irradiated nonstop with rf pulses. Suddenly they died. Did RF kill
them? Possibly, but if someone had feed them during this time it would
have helped. (The story is true!)

Just thought I'd share this with you all.

Marv
N20WL

Date: 29 Jan 93 04:52:27 GMT
From: haven.umd.edu!wam.umd.edu!adam@purdue.edu
To: info-hams@ucsd.edu

References <kd1hz.1@anomaly.sbs.com>, <1993Jan25.195100.4623@nntp.1kg.dec.com>,
<47p37z@rpi.edu>
Subject : Re: Real NoCodes

In article <47p37z@rpi.edu> maessm@rpi.edu writes:
>
> * real no-codes singlehandedly track down repeater jammers

And Real No-Codes track down repeater phone-patch hackers like I did
just this week.

N3NKI

Date: Fri, 29 Jan 1993 03:06:18 GMT
From: anomaly.sbs.com!kd1hz@uunet.uu.net
To: info-hams@ucsd.edu

References <kd1hz.1@anomaly.sbs.com>, <1993Jan26.213611.1709@miki.pictel.com>,
<1993Jan27.052120.21537@bongo.tele.com>
Subject : Re: Unreal NoCodes

julian@bongo.tele.com (Julian Macassey) writes:

> You mean I have had an honest to goodness no-code licence (two
>actually) longer than this myopic redneck has been an amateur of any
>kind?

Well, gee, Julian, do you normally just rely on a single source, or did
you bother to check on a previous 2x3 call issued beforehand?

Or, do you only condemn others who make gross generalizations?

MD

--
-- Michael P. Deignan, KD1HZ -----
-- Domain: mpd@anomaly.sbs.com - I'm not a bigot, -
-- UUCP: ...!uunet!anomaly!mpd - I hate everyone... -
-- Telebit: +1 401 455 0347 -----

Date: Fri, 29 Jan 1993 06:06:01 GMT
From: haven.umd.edu!wam.umd.edu!adam@ames.arpa
To: info-hams@ucsd.edu

References <jgp3pfg@rpi.edu>, <14570603@hpnmrla.sr.hp.com>,
<6028@catnip.berkeley.ca.us>
Subject : Re: No-codes

In article <6028@catnip.berkeley.ca.us> kc6sss@catnip.berkeley.ca.us (Kissing
Cousin Six Sugar Sugar Sugar) writes:

>
>There is no such thing as a "Tech Plus" or a "Tech Minus" license, of
>course, just Technicians.

Not on the LICENSE, I don't think it says anything about code (Plus), but
there apparently is a difference or I'd be on 10m...read on:

>Some have passed Elements 2, 3 and 1A.

These are your "Tech-Plus" operators, KC6SSS.

>Some of them have passed only Elements 2 and 3A and may even be holding
>CSCEs for other Elements.

These are your Technicians.

--N3NKI (a no-code tech but considering I'm in broadcasting and aspiring

to be a talk-show host, it's just as well...)

Date: 29 Jan 93 17:10:42 GMT
From: noao!ncar!zaphod.mps.ohio-state.edu!darwin.sura.net!mojo.eng.umd.edu!
chuck@arizona.edu
To: info-hams@ucsd.edu

References <C1KBL8.HrC@acsu.buffalo.edu>, <1993Jan28.222743.5974@ke4zv.uucp>, <1993Jan29.135440.24885@cbfsb.cb.att.com>
Subject : Re: Ham Radio Causes Cancer

In article <1993Jan29.135440.24885@cbfsb.cb.att.com> feg@cbnewsb.cb.att.com
(forrest.e.gehrke) writes:

>
>Besides the risk of the heating effects of high RF power, the only
>other bad effect I have witnessed was in the early days of
>magnetron manufacture. Testers would routinely look into the output
>>window of high pulsed power magnetrons if the tube was acting as
>though it was gassy by looking for ionization inside the tube.
>This induced cataracts in their eyes if they got too close to the
>>window. Because this effect showed up only after an extended period
>of time it took awhile to connect cause and effect.

Yes, and it was shown to be the cumulative effect of heating the lense and cornea of the eye. The eye has terrible circulation in its "clear" areas. This makes it hard for it to dissipate excess heat in these areas. And also results in slow healing times. The cataract, as I understand it, is a form of scar tissue.

73,

Chuck Harris - WA3UQV
chuck@eng.umd.edu

End of Info-Hams Digest V93 #135
